Amendments to the Specification:

Please change the equations as set forth below:

Page 18, line 10:

~~$$W^{*\prime}_{\alpha}(t) = \begin{cases} R'(t) & \text{if } W^{*}_{\alpha}(t) > \alpha(t) \\ \max[R'(t)\alpha'(t)] & \text{if } W^{*}_{\alpha}(t) = \alpha(t) \\ \alpha'(t) & \text{if } W^{*}_{\alpha}(t) < \alpha(t) \end{cases}$$~~

$$W^{*\prime}_{\alpha}(t) = \begin{cases} R'(t) & \text{if } W^{*}_{\alpha}(t) > \alpha(t) \\ \max[R'(t), \alpha'(t)] & \text{if } W^{*}_{\alpha}(t) = \alpha(t) \\ \alpha'(t) & \text{if } W^{*}_{\alpha}(t) < \alpha(t) \end{cases}$$

Page 18, line 15:

~~$$\lim_{t \to \bar{t}^{+}} X(t) = \lim_{t \to \bar{t}^{-}} X(t) + h, h > 0$$~~

$$\lim_{t \to \bar{t}^{+}} X(t) = \lim_{t \to \bar{t}^{-}} X(t) + h, h > 0$$

Page 18, lines 20-22:

~~$$X'(\bar{t}) = h\delta_{\bar{t}} + X'^{+}(\bar{t}), X'^{+}(\bar{t}) = \lim_{\Delta \to 0^{+}} \frac{X(\bar{t}+\Delta) - X(\bar{t})}{\Delta}$$~~

~~$$\max[a\delta_{\bar{t}} + A(t), B(t)] = \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ a\delta_{\bar{t}} + A(t) & t = \bar{t} \end{cases}$$~~

~~$$\max[a\delta_{t} + A(t), b(\delta_{t}) + B(t)] = \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ \max(a, b)\delta_{\bar{t}} + \max[A(\bar{t}), B(\bar{t})] & t = \bar{t} \end{cases}$$~~

$$X'(\bar{t}) = h\delta_{\bar{t}} + X'^{+}(\bar{t}), X'^{+}(\bar{t}) = \lim_{\Delta \to 0^+} \frac{X(\bar{t}+\Delta) - X(\bar{t})}{\Delta}$$

$$\underline{\max}\left[a\delta_{\bar{t}} + A(t), B(t)\right] \doteq \begin{Bmatrix} \max[A(t), B(t)] & t \neq \bar{t} \\ a\delta_{\bar{t}} + A(\bar{t}) & t = \bar{t} \end{Bmatrix}$$

$$\underline{\max}\left[a\delta_{\bar{t}} + A(t), b(\delta_{\bar{t}}) + B(t)\right] \doteq \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ \max(a,b)\delta_{\bar{t}} + \max[A(\bar{t}), B(\bar{t})] & t = \bar{t} \end{cases}$$

Page 46, line 1:

$$W^{*\prime}{}_{\alpha}(t) = \begin{Bmatrix} R'(t) & \text{if } W^{*}{}_{\alpha}(t) > \alpha(t) \\ \max[R'(t)\alpha'(t)] & \text{if } W^{*}{}_{\alpha}(t) = \alpha(t) \\ \alpha'(t) & \text{if } W^{*}{}_{\alpha}(t) < \alpha(t) \end{Bmatrix}$$

$$W^{*\prime}{}_{\alpha}(t) = \begin{Bmatrix} R'(t) & \text{if } W^{*}{}_{\alpha}(t) > \alpha(t) \\ \max[R'(t), \alpha'(t)] & \text{if } W^{*}{}_{\alpha}(t) = \alpha(t) \\ \alpha'(t) & \text{if } W^{*}{}_{\alpha}(t) < \alpha(t) \end{Bmatrix}$$

Page 46, line 7:

$$\lim_{t \to \bar{t}^{+}} X(t) = \lim_{t \to \bar{t}^{-}} X(t) + h, h > 0$$

$$\lim_{t \to \bar{t}^{+}} X(t) = \lim_{t \to \bar{t}^{-}} X(t) + h, h > 0$$

Page 46, lines 12-14:

~~$X'(\bar{t}) = h\delta_{\bar{t}} + X'^{+}(\bar{t}), X'^{+}(\bar{t}) = \lim_{\Delta \to 0^{+}} \frac{X(\bar{t}+\Delta) - X(\bar{t})}{\Delta}$~~

~~$\max[a\delta_{\bar{t}} + A(t), B(t)] = \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ a\delta_{\bar{t}} + A(t) & t = \bar{t} \end{cases}$~~

~~$\max[a\delta_{\bar{t}} + A(t), b(\delta_{\bar{t}}) + B(t)] = \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ \max(a, b)\delta_{\bar{t}} + \max[A(\bar{t}), B(\bar{t})] & t = \bar{t} \end{cases}$~~

$$X'(\bar{t}) = h\delta_{\bar{t}} + X'^{+}(\bar{t}), X'^{+}(\bar{t}) = \lim_{\Delta \to 0^{+}} \frac{X(\bar{t}+\Delta) - X(\bar{t})}{\Delta}$$

$$\max[a\delta_{\bar{t}} + A(t), B(t)] \doteq \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ a\delta_{\bar{t}} + A(\bar{t}) & t = \bar{t} \end{cases}$$

$$\max[a\delta_{\bar{t}} + A(t), b(\delta_{\bar{t}}) + B(t)] \doteq \begin{cases} \max[A(t), B(t)] & t \neq \bar{t} \\ \max(a, b)\delta_{\bar{t}} + \max[A(\bar{t}), B(\bar{t})] & t = \bar{t} \end{cases}$$

Amendments to the Drawings:

Please replace original FIG. 8 with the attached new FIG. 8.

Attachment: Replacement Sheet

Annotated Sheet Showing Changes